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DUNTER	Gsechoslovskia		DATE DISTR
SUBJECT	The Malesice-Prague XI Plant of Aircraft Works, National Corpor		NO OF PAGES
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The Malesice-Prague XI plant of the United Aircraft Works National Corporation, 1. about 500 persons, 30 to 40 of whom are clerks, in the construction of jet aircraft engines and overhealing both light and heavy aircraft engines of the conventional type. Prior to its association with United Aircraft, the Malesice plant was a subsidiary of CKD. Soviet control in the plant consists of an unspecified number of engineers; MNO (Ministry of Defense) supervision is conducted by officers of the LVU (Military Aircraft Research Institute) at Letnany. The factory's personnel include:

Ing. (fnu) Zwacek

Plant manager, a retired colonel, age 55, tall, stout, graying hair, walks with a swinging

gait, a Communist from necessity.

(fnu) Soree

Operation (sic) chief, Czech, short, slim,

grey hair, wrinkled face. (2)

Vaclay Valek

Chief of the "detail-shop" (sic) department, age 35, short, stout, black hair, wears glasses.

- 2. Almost all the plant's production is concentrated in the main hall and is divided into three departments. The first department is for the construction of jet engines, which are an improved model of the German Me-262 engine. Engine improvements were started in 1926, continuing to the end of 1947, and were confined to parts modifications; the basic engine design remained unaltered, The brake testing of the improved engine was done at the plant, while Major (fnu) Manak of the LVU conducted the merial tests at the Kbely and Letnany mirfields. (3) Actual production began in the autumn of 1949 and has continued to date uninterrupted.
- The main irror ovements over the German model achieved are considerably greater 3. thrust and lower fuel consumption. The only weak point is the unaltered German two-cylinder Riedel starting augine which was designed to operate for approximately 7 minutes and to drive the turbine to about 15,000 mm. The starting engines built in May 1951 ran well, but for a maximum of only 4 minutes; it is believed the trouble lies in an inadequate cooling system.

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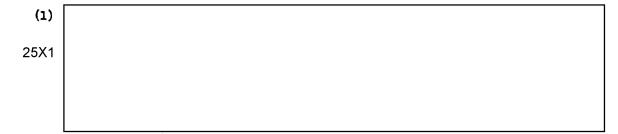
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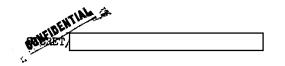
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: CENTRAL INTELL	IGENCE AGENCY	

- 4. The second department is for overhauling conventional aircraft engines for heavy aircraft and is also in the main hall. Mainly German types undergo repairs here. Repairs to conventional engines of light aircraft forms the third department. The remaining shops both within and without the main hall are auxiliary sections subordinate to the plant's production as given. The factory constructs most of its own parts, exclusive of special items such as rotor blades and bearings, which are delivered by the Poldi Steel Works in Kladno. (4)
- 5. The plant is well guarded by a military guard unit believed to be stationed at Kbely. There is also a large Workers' Militia and a permanent fire brigade capable of coping with any fires.

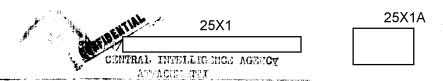


- 25X1A (2) Comment: Source probably means by operation chief that source is the production chief.
- 25X1A (3) Comment: For the aerial tests the engines were suspended beneath a German-type bomber.
- 25X1A (4) Comment: Source fails to specify the type of blade to which he makes reference, but it is assumed that rotor blades for jet aircraft are meant rather than conventional propeller blades.

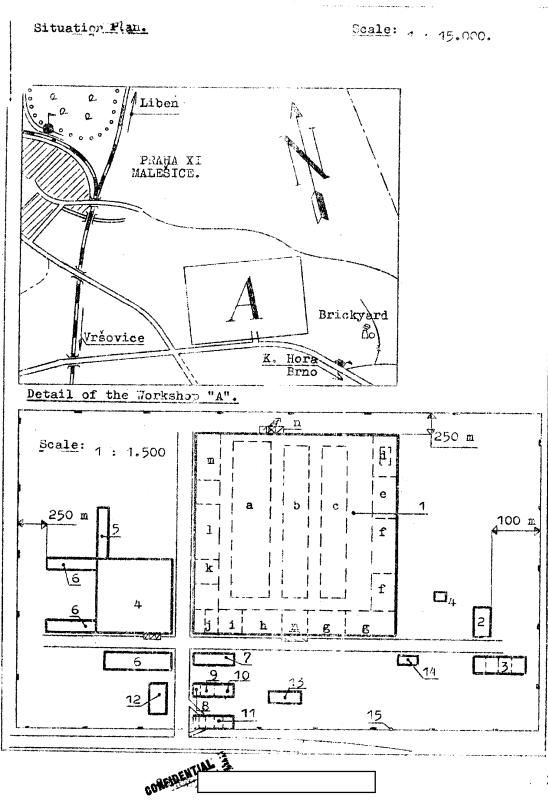
Attachment: Plan of the Malesice Plant of the United Aircraft Works, with key,



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United Aircraft, iks; lat. Corp., workshop Malesice - Prague XI. Spojene Letecke avods, lar. rodo., Provozovna Malesice - Praha XI. Situation and Jatail of the factory.



Approved For Release 2002/08/08 : CIA-RDP82-00457R009800440005-5 25X1A CENTRAL INTELLIGENCE AGENCY ATTACH! INT I **~** 2 ~ 1. Main hall a. Assembly of jet engines Assembly of heavy prop engines (Argus, Junkers etc.) Assembly of light prop engines (Hirth etc.)
Varnishing room e. Locksmith shop f. Tinsmith shop g. Warehouses Offices Office of operation chief Welding shop k. Toolroom 1. Cadmium plating shop Boiler house, compressor n. Cranes Torque stand for jet engines Torque stand for prop engines Stand for testing props Parts warehouse Warehouses 7. Levatory, dressing room 8. Managers' office 9. Construction offices 10. Administration offices

11. Guard room, dispensery, Morkshop Militia, soldiers' billets, fire brigade,

12. Fire brigade warehouse 13. Fuel storage 14. Canteen 15. Fence

Key

h.

i.

j.

m.

5.

store of arms and ammunition

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